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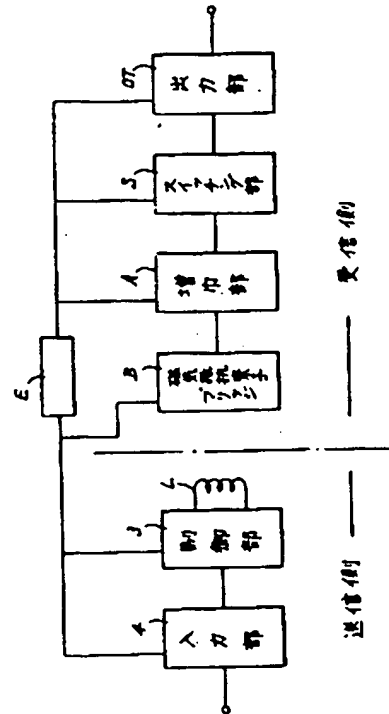
APPLICATION DATE : 10-06-82
APPLICATION NUMBER : 57100195

APPLICANT : YAMATAKE HONEYWELL CO LTD;

INVENTOR : KAWASHIMA GIICHI;

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TITLE : TRANSMITTER OF MAGNETIC SIGNAL



ABSTRACT : PURPOSE: To remove the effect of hysteresis, by constituting a circuit of a receiving side with a bridge circuit of magnetoresistance effect elements and a circuit at a transmission side with a coil energizing the bridge circuit and a current controller controlling a current flowing to the coil.

CONSTITUTION: The energized circuit with the coil L at the transmission side is generated, a current flowing to the coil L is controlled with the current controller 3 and a signal is inputted to the controller 3 through an input section 4. On the other hand, plural magnetoresistance effect elements are arranged in parallel with each other in the circuit of the receiving side, and the elements form the bridge circuit B. Further, the output of the circuit B is transmitted to an amplifier A, the amplified signal is given to a switching circuit 5, where the signal is compared with a reference voltage, and the output is applied externally through an output section OT.

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